

## CLAIMS

1. The electronic device for strengthening the immune system with the use of magnetic fields based on the characteristics which are determined using the multi channel biomagnetometer said electronic device including a great number of coils (1)  
5 up to 122, said coils are arranged in groups (2), (3), (4), (5), (6), in hemispheric and plane arrangement, one alternating current output (9), one microcontroller (10), one keyboard (8), a programmable circuit (29) for programming alternating current with frequency and shape formed by said microcontroller (10) according to the data given  
10 by the computer (27) through a serial port (22) and an interface integrated circuit (23) to said microcontroller (10), a Liquid Crystal Display (LCD) (7), two potentiometers (11) and (12), a number of resistors (13),(14),(15), (28) and capacitors (16),(17),(20), a rotary timing switch (24) to regulate the operation time through said microcontroller (10), one electrical power supply (19) and indicating LEDs (30), (31).
- 15 2. The electronic device for strengthening of claim 1 wherein said coils (1) made by good conductive metal up to 122 are of spiral plane form arranged in said five groups (2), (3), (4), (5), (6) in a special hemispherical arrangement inside in specific helmet so that to cover completely the five specific regions of the skull or said coils (1) are arranged on a flexible plastic plate so that to cover other parts of the body, where the  
20 end (21) of all said coils (1) is connected in parallel through resistors with the alternating current output (9), wherein the other common end of all said coils (1) is connected with the ground.
3. The electronic device for strengthening of claim 1 wherein the produced magnetic fields are alternating of positive symmetrical mostly square wave signal with low  
25 frequencies from 1 up to 20 Hz which can be regulated up to the first decimal digit so that to force the blood plasma charged ions in the brain to rotate in spiral trajectories around the magnetic lines with alternating direction of rotation which breaks by causing friction and removes the foreign substances which are placed on the brain glands for better hormone production and strengthening of the immune system.
- 30 4. The electronic device for the strengthening of claim 1 is including one only alternating current output (9) of square wave signal of frequency from 1 up to 20Hz which supplies a great number of said coils (1) up to 122.
5. The electronic device for strengthening of claim 1 is including one said microcontroller (10) as an integrated circuit which recognizes and works out the data  
35 given by said keyboard (8) or programmable circuit (29) for programming alternating current with frequency and shape produced by said microcontroller (10), which regulates the magnetic fields characteristics and the regular function of the device.
6. The electronic device for strengthening of claim 1 is including said microcontroller (10) with the ability to accept data given by said computer (27) for frequency  
40 programming with appropriate program through said serial port (22) and said interface integrated circuit (23) to work out and produce alternating current and magnetic fields of desirable characteristics.
7. The electronic device for strengthening of claim 1 is including for interface a Liquid Crystal Display (LCD) (7) for optical indication of the characteristics  
45 parameters of the magnetic fields, pull-down resistors (13) to increase the potential, the resistors (14) and (15) and also capacitors (16), (17) and (20) for crystal oscillator operation and the time operation crystal of high frequencies oscillation (18) for the timing frequencies of the system, a potentiometer (12) to regulate the intensity of the alternating current, a rotary timing switch (24) to regulate the operation time and a

power supply or battery (19) with two diodes in series to drop the total Voltage and indicating LED (31) for changing the batteries.

- 5 8. The electronic device for strengthening of claim 1 is including a serial port (22) for operation frequency programming, an interface integrated circuit (23) to connect said computer (27) with said microcontroller (10) which controls also the good function of the device by an indicating LED (30), a rotary timing switch (24) and the resistances (28) as pull up resistor with a common end connected to the electric source and also connecting in parallel said programmable circuit (29) with said rotary timing switch (24) and said microcontroller (10) and said potentiometer (12).

10